



## ABSTRACT OF THE DISCLOSURE

A method of determining prothrombin time (PT) in a whole blood, anti-coagulated blood, blood plasma or anti-coagulated blood plasma sample at an ambient temperature in the range of 15°C to 45°C is described. The method is performed with liquid reagents and the PT, preferably expressed as International Normalized Ratio (INR), is calculated based on ~~said~~ the temperature and the clotting time (CT). A test kit is also described for analysis of PT ~~which comprises~~ having a temperature recorder ~~recording means~~, and one or several separate sealed vessels containing reagents, optionally in lyophilized form for reconstitution prior to use, for clotting one or more defined volumes of whole blood, anti-coagulated blood, blood plasma or anti-coagulated blood plasma sample, and optionally time registration means and volume determining means.